



17W 1754

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 26

| | |
|----------------------|----------------------------|
| Application Number | 10/051,995 |
| Filing Date | January 18, 2002 |
| First Named Inventor | Thomas E. McWhorter et al. |
| Art Unit | 1754 |
| Examiner Name | Ngoc Yen M. Nguyen |
| Attorney Docket No. | CDG-101US |

ENCLOSURES (Check all that apply)

Fee Transmittal Form
 Fee Attached

Amendment/Reply
 After Final
 Affidavits/Declaration(s)

Extension of Time Request

Express Abandonment Request

Information Disclosure Statement

Certified Copy of Priority Document(s)

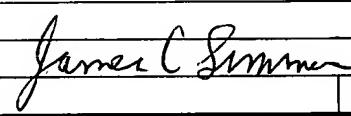
Response to Missing Parts/
Incomplete Application
 Response to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a
Provisional Application
 Power of Attorney, Revocation,
Change of Correspondence
Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____
 Landscape Table on CD

After Allowance Communication
to TC
 Appeal Communication to Board
of Appeals and Interferences
 Appeal Communication to TC
(Appeal Notice, Brief, Reply
Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please
identify below): Return Post
Card

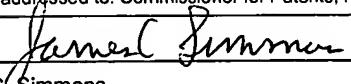
Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

| | | | |
|--------------|---|--|--|
| Firm Name | RatnerPrestia | | |
| Signature |  | | |
| Printed Name | | | |
| Date | December 22, 2004 | | |

CERTIFICATE OF TRANSMISSION / MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | |
|-----------------------|---|
| Signature |  |
| Typed or Printed Name | James C. Simmons |
| Date | December 22, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)
100

Complete if Known

| | |
|----------------------|----------------------------|
| Application Number | 10/051,995 |
| Filing Date | January 18, 2002 |
| First Named Inventor | Thomas E. McWhorter et al. |
| Examiner Name | Ngoc Yen M. Nguyen |
| Art Unit | 1754 |
| Attorney Docket No. | CDG-101US |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account use as backup only:

Deposit Account Number
RatnerPrestia

18-0350

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below
 Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 790 | 2001 | 395 | Utility filing fee | |
| 1002 | 350 | 2002 | 175 | Design filing fee | |
| 1003 | 550 | 2003 | 275 | Plant filing fee | |
| 1004 | 790 | 2004 | 395 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1)

(\$)
0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|----------------|-------------|
| Total Claims | 37 | -37** | = 0 | X = 0 |
| Independent Claims | 4 | -3** | = 1 | X 100 = 100 |
| Multiple Dependent | | | X = 0 | |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 88 | 2201 | 44 | Independent claims in excess of 3 |
| 1203 | 300 | 2203 | 150 | Multiple dependent claim, if not paid |
| 1204 | 88 | 2204 | 44 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$)
100

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 430 | 2252 | 215 | Extension for reply within second month | |
| 1253 | 980 | 2253 | 490 | Extension for reply within third month | |
| 1254 | 1,530 | 2254 | 765 | Extension for reply within fourth month | |
| 1255 | 2,080 | 2255 | 1,040 | Extension for reply within fifth month | |
| 1401 | 340 | 2401 | 170 | Notice of Appeal | |
| 1402 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1403 | 300 | 2403 | 150 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | |
| 1453 | 1,370 | 2453 | 685 | Petition to revive – unintentional | |
| 1501 | 1,370 | 2501 | 685 | Utility issue fee (or reissue) | |
| 1502 | 490 | 2502 | 245 | Design issue fee | |
| 1503 | 660 | 2503 | 330 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)
0

SUBMITTED BY

Complete if applicable

| | | | | | |
|-------------------|------------------|----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | James C. Simmons | Registration No. Attorney/Agent) | 24,842 | Telephone | 610-530-8100 |
| Signature | | | | | |

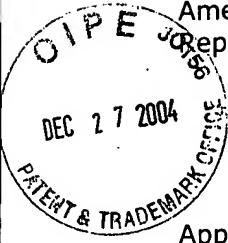
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Appln. No.: 10/051,995
Amendment Dated December 21, 2004
Reply to Office Action of September 22, 2004

CDG-101US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/051,995
Applicant: Thomas E. McWhorter et al.
Filed: January 18, 2002
Title: METHOD AND APPARATUS FOR GENERATING GASEOUS CHLORINE
DIOXIDE-CHLORINE MIXTURES
TC/A.U.: 1754
Examiner: Ngoc Yen M. Nguyen
Confirmation No.: 9137
Docket No.: CDG-101US

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 22, 2004, please amend the above-identified application as follows:

- Amendments to the Specification** begin on page 2 of this paper.
- Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.
- Amendments to the Drawings** begin on page _____ of this paper and include an attached replacement sheet(s).
- Amendments to the Abstract** are on page _____ of this paper. A clean version of the Abstract is on page _____ of this paper.
- Remarks/Arguments** begin on page 8 of this paper.

12/28/2004 ZJUHAR1 00000047 10051995
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01 FC:2201